PTO/SB/17 (10-03)

Approved for use through 7/31/2006. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

work Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. FEE TRANSMITTAL

0 2 2004

Complete if Known 10/633,628-Conf. #6374 Application Number August 5, 2003 Filing Date for FY 2004 Joel A. Drewes First Named Inventor Effective 10/01/2003. Patent fees are subject to annual revision. Examiner Name Not Yet Assigned Applicant claims small entity status. See 37 CFR 1.27 2818 Art Unit Attorney Docket No. M4065.0538/P538-A TOTAL AMOUNT OF PAYMENT 334.00 METHOD OF PAYMENT (check all that apply) FEE CALCULATION (continued) Credit Money 3. ADDITIONAL FEES Check Other None Deposit Account: Х Large Entity Small Entity Deposit 04-1073 Fee Account **Fee Description** Number Code (\$) Code (\$) Fee Paid Deposit Dickstein Shapiro Morin & 1051 130 2051 65 Surcharge - late filing fee or oath Oshinsky LLP Surcharge - late provisional filing fee or cover 2052 25 1052 50 The Director is authorized to: (check all that apply) sheet. X Credit any overpayments 1053 130 1053 130 Charge fee(s) indicated below Non-English specification 1812 2,520 1812 2,520 For filing a request for ex parte reexamination х Charge any additional fee(s) or any underpayment of fee(s) Requesting publication of SIR prior to 1804 9201 1804 9201 Examiner action Charge fee(s) indicated below, except for the filing fee Requesting publication of SIR after 1,840* to the above-identified deposit account. 1805 1,8401 1805 Examiner action 2251 **FEE CALCULATION** 1251 110 55 Extension for reply within first month 1. BASIC FILING FEE 1252 420 2252 210 Extension for reply within second month Large Entity Small Entity 1253 950 2253 475 Extension for reply within third month Fee Description Fee Paid Fee Fee 1254 1.480 2254 Extension for reply within fourth month Code Code (\$) (\$) Utility filing fee 1255 2,010 2255 1,005 Extension for reply within fifth month 1001 770 2001 385 1002 340 2002 170 Design filing fee 1401 330 2401 165 Notice of Appeal 1003 530 2003 265 Plant filing fee 1402 330 2402 165 Filing a brief in support of an appeal 1004 770 2004 385 Reissue filing fee 1403 290 2403 145 Request for oral hearing Provisional filing fee 1.510 1451 1.510 Petition to institute a public use proceeding 1005 160 2005 80 1451 110 2452 55 Petition to revive - unavoidable 1452 SUBTOTAL (1) 0.00 2453 1453 1,330 665 Petition to revive - unintentiona 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 1501 1,330 2501 665 Utility issue fee (or reissue) 1502 480 2502 Design issue fee Fee Paid Claims below Total Claims 52 -43** = 9 18.00 162.00 1503 640 2503 320 Plant issue fee Independent 7 2 86.00 172.00 1460 130 1460 130 Petitions to the Commissioner 1807 Processing fee under 37 CFR 1.17(q) 1807 50 50 Multiple Dependent 1806 180 1806 180 Submission of Information Disclosure Stmt Large Entity Small Entity Recording each patent assignment per 8021 40 8021 40 Fee Description property (times number of properties) (\$) (\$) Code Code Filing a submission after final rejection 1202 2202 18 9 Claims in excess of 20 1809 770 2809 385

**or number previously paid, if greater; For Reissues, see above				
SUBMITTED BY	8	(Complete (if applicable))		
Name (Print/Type) Thomas J. D'Amico	Registration No.	28,371	Telephone	(202) 828-2232
Signature	Je S		Date	September 2, 2004

1810

1801

1802

334.00

770

770

900

Other fee (specify)

2810

2801

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*Reduced by Basic Filing Fee Paid

385

385

(37 CFR 1.129(a))

For each additional invention to be

Request for expedited examination

Request for Continued Examination (RCE)

SUBTOTAL (3) (\$)

0.00

examined (37CFR 1.129(b))

of a design application

1201

1203

1204

1205

86

290

86

2201

2203

2204

2205

43

145

43

Independent claims in excess of 3

** Reissue independent claims

and over original patent

over original patent

SUBTOTAL (2) (\$)

Multiple dependent claim, if not paid

Reissue claims in excess of 20



Jews,

Docket No.: M4065.0538/P538-A

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Joel A. Drewes

Application No.: 10/633,628

Art Unit: 2813

Filed: August 5, 2003

Examiner: J.M. Dolan

For: MAGNETORESISTIVE MEMORY OR

SENSOR DEVICES HAVING IMPROVED SWITCHING PROPERTIES AND METHOD

OF FABRICATION

03/03/2004 SDIRETHI 00000024 10633628

01 FC:1202 02 FC:1201 162.00 GP 172.00 GP

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated June 2, 2004 (Paper No. 05282004), please amend the above-identified U.S. patent application as follows:

Amendments to the Specification begin on page 3 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 4 of this paper.